FRIEDMAN & BRUYA, INC.

ENVIRONMENTAL CHEMISTS

Andrew John Friedman James E. Bruya, Ph.D. (206) 285-8282

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3008-B 16th Avenue West Seattle, WA 98119 FAX: (206) 283-5044

January 30, 1992

Greg Speer, Project Leader Alaskan Copper 628 South Hanford Seattle, WA 98134

Dear Mr. Speer:

Your machine oil samples submitted on January 17, 1992 from Project 12' Shear-Oil Sample, PO #M23140 were tested for contaminants.

ICP scan wear metal analysis results on both samples indicated the absence of elevated levels of materials common to used oil. Neutral pH measurements were observed on both samples. Filtering the used oil did not change its color, indicating that no materials $>0.45~\mu\text{M}$ were present.

We appreciate this opportunity to be of service to you on this project. If you have any questions regarding this material, or if you just want to discuss any aspect of your projects, please do not hesitate to contact me.

Sincerely,

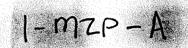
Mark Z Perin, Chemist

MZP/dp

Enclosures

ERÎEDMAN & BRUYA, INC. 3008-B 16th Avenue West Scarue, WA 98119

SAMPLE CHAIN OF CUSTODY



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none # <u>623-5800</u>			Date	1/16/92			
SITE NO.	PROJECT NAME			PURCHA	ASE ORDER #		
	12' SHEAR-OIL SAMPLE			m23140			
SAMPLERS (signature)					PROJECT LOCATION GC28 G. HOJFORD		
				9 G28 4			
REMARKS				SAMPLE	DISPOSAL INFORM.		
				Dispose after 30 days Return Samples Call for Instructions			
SAMPLE #	Date/Time Sampled	Type of Sample	# of Jars	Lab Sample#	Analyses Requested		
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